Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 02 Sep 2022 until 23:59 on Saturday 03 Sep 2022

Forecast Issued on Thursday 01 Sep 2022 at 14:34

Confidence: High confidence for the unsettled and breezy conditions over the weekend but low for the timing and distribution of any rain/showers.

Headline for Friday 02 Sep 2022: Dry and bright but rather cloudy.

Mountain weather hazards on Friday 02 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	10%	10%	10%	20%	10%	10%	20%

Forecast for Friday 02 Sep 2022

Weather: Dry with variable amounts of cloud overnight, with some clear spells in the west and northwest but increasing amounts of cloud in the south and east. Where clear spells are prolonged, a few mist and shallow fog patches are expected to develop, most likely in sheltered valleys and around dawn. These will lift quickly after sunrise, with more cloud invading the sky from the south and perhaps the odd shower probable around lunchtime. Bright, rather cloudy but largely dry in the afternoon and evening.

Chance of cloud-free hill tops above 600m: 60% becoming 95% or more by mid-morning.

Low cloud and visibility: Mediocre at low levels at first in any mist and shallow fog, but very poor along some eastern slopes due to low cloud, with bases as low as 300m. Cloud lifting above summits around mid-morning, the visibility becoming very good with excellent panoramic views and distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 02 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 E	13/19 E	12/17 E	13/18 E	12/17 E	11/16 E	10/17 E	14/21 E	13/20 E
300	10/18 NE	9/17 NE	9/15 NE	12/18 NE	11/17 E	9/14 E	7/14 E	10/18 E	10/18 E
Valley	13/25 E	12/23 E	12/23 E	13/22 E	10/19 E	8/15 E	6/13 E	11/22 E	10/20 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/9	11/9	12/10	15/12	16/14	16/14	14/11	13/11
300	14/12	14/12	13/12	15/13	18/16	19/17	18/17	16/14	15/14
Valley	14/12	14/12	14/12	16/14	19/17	20/18	19/18	17/15	16/14
Freezing Level*	2600m	2600m	2600m	2700m	2800m	2900m	2900m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy and chilly at height, a warm layer is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 31 Aug 2022	0mm	0mm	0mm

Forecast for Saturday 03 Sep 2022

Weather: Dry and bright but rather cloudy at first. The cloud will thicken during the afternoon, with showers and areas of more persistent rain spreading north. Some of the showers will be heavy and potentially thundery. Windy at height.

Maximum wind: South-Easterly 15mph with gusts 25mph.

Chance of cloud-free hill tops above 600m: 80% becoming 95% or more by mid-morning.

Low cloud and visibility: Mediocre early morning, with patchy low cloud partially covering eastern slopes, cloud base as low as 350-400m. Becoming good all around as cloud lifts mid-morning but deteriorating in and around any showers during the afternoon.

Temperature: **Valleys:** Plus 14 becoming plus 21 Celsius.
At 600m: Plus 11 becoming plus 17 Celsius.
Freezing level: Above summits.

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